

Title (en)
ELECTRICALLY INSULATING JOINT FOR COUPLING TUBULAR EXTREMITIES

Publication
EP 0023997 B1 19820623 (DE)

Application
EP 80104415 A 19800726

Priority
DE 2932107 A 19790808

Abstract (en)
[origin: EP0023997A1] 1. An electrically insulating joint for coupling tubular extremities (1, 4), having a tubular insert member (2) being sealingly inserted into one (1) of said tubular extremities against a resilient axial counter force and being welded to said one tubular extremity (1) under maintenance of said axial tension, said tubular insert member supporting the other one (4) of said tubular extremities and consisting of a radially outer metal sleeve (2C), the outer diameter of which conforms with the inner diameter of said one tubular extremity (1), of a socket body (2B) made of insulating material and being inserted into and tightly connected to said metal sleeve, and of a radially inner metal sleeve (2A) receiving said other tubular extremity (4) and being inserted into and tightly connected to said socket body, characterized in that the outer sleeve (2C; 2'C) of said tubular insert member (2; 2') has a radially outwardly extending flange (2Ca; 2'Ca) situated at that end of the member being at the same side of the assembly as said other tubular extremity (4), and the rim of said flange extending again radially inwardly toward the outer surface of said outer sleeve (2C; 2'C), furthermore that said weld (3) is arranged between said radially outwardly extending flange (2Ca; 2'Ca) of said outer sleeve (2C; 2'C) and the outer surface of said one tubular extremity (1d; 1'd), and that the insulating socket body (2B; 2'B) of said tubular insert member (2; 2') is vulcanized or adhered to said outer sleeve (2C; 2'C) and to said inner sleeve (2A; 2'A).

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F16L 25/02

IPC 8 full level
F16K 5/06 (2006.01); **F16L 25/02** (2006.01)

CPC (source: EP)
F16K 5/06 (2013.01); **F16L 25/021** (2013.01)

Cited by
CN109519565A; EP1717499A1; CN109519561A

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AT FR GB

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